

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1-39. (Canceled)

40. (Currently Amended) A light emitting device comprising:  
an electroluminescent element using a luminescent material in which  
electroluminescence is obtained by triplet excitation; and  
a transistor electrically connected to the electroluminescent element,  
wherein digital signals are applied to a gate electrode of the transistor, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

41. (Previously Presented) A device according to claim 40, wherein the transistor is a thin film transistor.

42. (Previously Presented) An electrical appliance using the light emitting device according to claim 40.

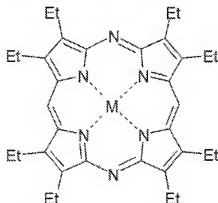
43. (Previously Presented) A portable telephone using the light emitting device according to claim 40.

44. (Previously Presented) A digital camera using the light emitting device according to claim 40.

45. (Previously Presented) An audio equipment using the light emitting device according to claim 40.

46. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 40.

47. (Currently Amended) A light emitting device comprising:  
a transistor; and  
an electroluminescent element electrically connected to the transistor,  
wherein the electroluminescent element includes a thin film including a luminescent material expressed by a following formula:



wherein Et represents etyl group; and M represents an element belonging to group 8 to 10 of a periodic table, and

wherein digital signals are applied to a gate electrode of the transistor, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

48. (Previously Presented) A device according to claim 47, wherein said M is an element selected from the group consisting of nickel, cobalt and palladium.

49. (Previously Presented) A device according to claim 47, wherein the transistor is a thin film transistor.

50. (Previously Presented) An electrical appliance using the light emitting device according to claim 47.

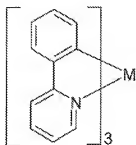
51. (Previously Presented) A portable telephone using the light emitting device according to claim 47.

52. (Previously Presented) A digital camera using the light emitting device according to claim 47.

53. (Previously Presented) An audio equipment using the light emitting device according to claim 47.

54. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 47.

55. (Currently Amended) A light emitting device comprising:  
a transistor; and  
an electroluminescent element electrically connected to the transistor,  
wherein the electroluminescent element includes a thin film including a luminescent material expressed by a following formula:



wherein M represents an element belonging to group 8 to 10 of the periodic table, and  
wherein digital signals are applied to a gate electrode of the transistor, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

56. (Previously Presented) A device according to claim 55, wherein said M is an element selected from the group consisting of nickel, cobalt and palladium.

57. (Previously Presented) A device according to claim 55, wherein the transistor is a thin film transistor.

58. (Previously Presented) An electrical appliance using the light emitting device according to claim 55.

59. (Previously Presented) A portable telephone using the light emitting device according to claim 55.

60. (Previously Presented) A digital camera using the light emitting device according to claim 55.

61. (Previously Presented) An audio equipment using the light emitting device according to claim 55.

62. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 55.

63. (Previously Presented) A light emitting device according to claim 40, wherein the semiconductor component is operated by time division driving method.

64. (Previously Presented) A light emitting device according to claim 47, wherein the semiconductor component is operated by time division driving method.

65. (Previously Presented) A light emitting device according to claim 55, wherein the semiconductor component is operated by time division driving method.

66. (Currently Amended) A light emitting device comprising:  
an electroluminescent element comprising:

a first electrode;  
a second electrode; and  
a luminescent material interposed between the first electrode and the second electrode; and  
a transistor having a source region, a drain region and a gate electrode,  
wherein any one of the source region and the drain region is electrically connected to the first electrode,  
wherein digital signals are applied to the gate electrode, and  
wherein, in the luminescent material, electroluminescence is obtained by triplet excitation, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

67. (Previously Presented) A device according to claim 66, wherein the transistor is a thin film transistor.

68. (Previously Presented) An electrical appliance using the light emitting device according to claim 66.

69. (Previously Presented) A portable telephone using the light emitting device according to claim 66.

70. (Previously Presented) A digital camera using the light emitting device according to claim 66.

71. (Previously Presented) An audio equipment using the light emitting device according to claim 66.

72. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 66.

73. (Currently Amended) A light emitting device comprising:  
an electroluminescent element comprising:  
a first electrode;  
a second electrode; and  
a luminescent material interposed between the first electrode and the second  
electrode; and  
a transistor having a source region, a drain region and a gate electrode,  
wherein the transistor is a p-channel transistor,  
wherein any one of the source region and the drain region is electrically connected to the  
first electrode,  
wherein digital signals are applied to the gate electrode, and  
wherein, in the luminescent material, electroluminescence is obtained by triplet  
excitation, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

74. (Previously Presented) A device according to claim 73,  
wherein the first electrode is an anode, and  
wherein the second electrode is a cathode.

75. (Previously Presented) A device according to claim 73, wherein the transistor is a  
thin film transistor.

76. (Previously Presented) An electrical appliance using the light emitting device  
according to claim 73.

77. (Previously Presented) A portable telephone using the light emitting device  
according to claim 73.

78. (Previously Presented) A digital camera using the light emitting device according to  
claim 73.

79. (Previously Presented) An audio equipment using the light emitting device according to claim 73.

80. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 73.

81. (Currently Amended) A light emitting device comprising:  
an electroluminescent element comprising:  
an anode;  
a cathode; and  
a luminescent material interposed between the anode and the cathode; and  
a transistor having a source region, a drain region and a gate electrode,  
wherein any one of the source region and the drain region is electrically connected to the anode,  
wherein digital signals are applied to the gate electrode, and  
wherein, in the luminescent material, electroluminescence is obtained by triplet excitation, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

82. (Previously Presented) A device according to claim 81, wherein the transistor is a p-channel transistor.

83. (Previously Presented) A device according to claim 81, wherein the transistor is a thin film transistor.

84. (Previously Presented) An electrical appliance using the light emitting device according to claim 81.

85. (Previously Presented) A portable telephone using the light emitting device according to claim 81.

86. (Previously Presented) A digital camera using the light emitting device according to claim 81.

87. (Previously Presented) An audio equipment using the light emitting device according to claim 81.

88. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 81.

89. (Currently Amended) A light emitting device comprising:  
an electroluminescent element comprising:  
a first electrode;  
a second electrode; and  
a luminescent material interposed between the first electrode and the second electrode; and  
a transistor having a source region, a drain region and a gate electrode,  
wherein an LDD region is not particularly provided between the source region and the drain region,  
wherein any one of the source region and the drain region is electrically connected to the first electrode,  
wherein digital signals are applied to the gate electrode, and  
wherein, in the luminescent material, electroluminescence is obtained by triplet excitation, and  
wherein an operation voltage of the electroluminescent element is 10 V or less.

90. (Previously Presented) A device according to claim 89, wherein the transistor is a thin film transistor.



91. (Previously Presented) An electrical appliance using the light emitting device according to claim 89.

92. (Previously Presented) A portable telephone using the light emitting device according to claim 89.

93. (Previously Presented) A digital camera using the light emitting device according to claim 89.

94. (Previously Presented) An audio equipment using the light emitting device according to claim 89.

95. (Previously Presented) A wireless portable equipment using the light emitting device according to claim 89.

96. (New) The light emitting device according to claim 40, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

97. (New) The light emitting device according to claim 40, wherein an operation voltage of the electroluminescent element is 5 V or less.

98. (New) The light emitting device according to claim 47, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

99. (New) The light emitting device according to claim 47, wherein an operation voltage of the electroluminescent element is 5 V or less.

100. (New) The light emitting device according to claim 55, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

101. (New) The light emitting device according to claim 55, wherein an operation voltage of the electroluminescent element is 5 V or less.

102. (New) The light emitting device according to claim 66, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

103. (New) The light emitting device according to claim 66, wherein an operation voltage of the electroluminescent element is 5 V or less.

104. (New) The light emitting device according to claim 73, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

105. (New) The light emitting device according to claim 73, wherein an operation voltage of the electroluminescent element is 5 V or less.

106. (New) The light emitting device according to claim 81, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

107. (New) The light emitting device according to claim 81, wherein an operation voltage of the electroluminescent element is 5 V or less.

108. (New) The light emitting device according to claim 89, wherein an operation voltage of the electroluminescent element is 7.5 V or less.

109. (New) The light emitting device according to claim 89, wherein an operation voltage of the electroluminescent element is 5 V or less.